NIST ATP Workshop Sponsors

National Institute of Standards & Technology
Advanced Technology Program
Electronics & Photonics Technology Office

The Electronics and Photonics Technology Office (EPTO) of ATP was formed in order to focus ATP's efforts on the needs of the electronics, optoelectronics, and manufacturing industries. Specifically, EPTO program managers who support this technology area manage projects in the topical disciplines, review proposals submitted for funding, attend and speak at industry specific technical conferences, and work to facilitate a better interaction among U.S. industry. However, the most important aspect of EPTO's work is to gather the opinions and visions of this industry. For more information about the office, visit www.atp.nist.gov/epto.

University at Albany – SUNY
Center for Advanced Thin Film Technology

The Center is designated to serve as a unique environment to pioneer, develop, and test new high tech concepts and innovative ideas within a technically aggressive yet economically competitive research environment. The Center's work falls primarily in the following technology areas: microelectronics, optoelectronics, photonics, advanced energy, environmental monitoring and microsystems technologies (MST). The Center serves as a catalyst for developing new products, expanding existing businesses, nurturing emerging commercial ventures, and accelerating growth in New York State and the nation. It provides not only innovative solutions to immediate manufacturing challenges, but also a means of exploring the science and technology of future generations of integrated circuit devices and components. www. albany.edu/cat

Center for Economic Growth
Northeast Manufacturing Technology Center
A Manufacturing Extension Partnership (MEP)

MEP is a nationwide network of not-for-profit Centers in over 400 locations nationwide, whose sole purpose is to provide small and medium-sized manufacturers with the help they need to succeed. The Centers, serving all 50 States, the District of Columbia and Puerto Rico, are linked together through the Department of Commerce's National Institute of Standards and Technology. That makes it possible for even the smallest firms to tap into the expertise of knowledgeable manufacturing and business specialists all over the U.S. www.ceg.org

Meeting Agenda

9:00-10:00 **Registration/Coffee**

10:00-10:20 **Welcoming Address & CATFT Overview**
University at Albany-SUNY

10:20-10:40 **Introduction to ATP & EPTO**
Philip Perconti, Chief EPTO

10:40-12:30 **Proposers' Conference**
ATP Program Managers

12:30-2:00 **Buffet Lunch & Keynote Address (*)**

2:00-2:20 **Preparing a Competitive Proposal**
Brian Kinkade, Ion Optics, Inc.

2:20-2:40 **Benefits of Undertaking an ATP Project**
David Usher, X-Ray Optical Systems, Inc.

2:40-3:00 **Break**

3:00-4:00 **EPTO Town Meetings**
(Concurrent Sessions)
Microelectronics, RF, Organic Electronics

- Michael Schen
- Elissa Sobolewski

Optics & Optoelectronics

- Philip Perconti
- Carlos Grinspon

Power Technologies

- Gerald Ceasar
- Frank Power

High Temp. Superconductivity

- Christine Platt

4:00-4:30 **CATFT Laboratory Tours**
Alain Kaloyeros, Ph.D

(*) Keynote address sponsored by the University at Albany and Intermagnetics General Corporation Lecture Series

Who Should Attend?

The Workshop supports the microelectronics, opto-electronics, photonics, advanced energy and advanced materials industries. Researchers, technologists, engineers, manufacturing managers and corporate managers interested in submitting ATP proposals should attend.

Registration Form

Name: _____

Title: _____

Company: _____

Address: _____

_____

Phone: ( ) _____ Fax: ( ) _____

E-Mail: _____

Will attend the following town meetings:
____ *Microelectronics*
____ *Optics & Optoelectronics*
____ *Power Technologies*
____ *HT Superconductivity*
(Please Select One)
____ *Buffet Lunch ($15)**

(*Checks payable to University Auxiliary Service and collected at the time of the meeting)

Please return registration to:

Christine Smith
NIST Advanced Technology Program
100 Bureau Drive, MS 4720
Gaithersburg, MD 20899-4720
Ph: (301) 975-4355
Fax: (301) 926-9524

Space is Limited
Pre-Registration Deadline is January 10, 2000

Directions to the Workshop

Take the NYS Thruway (I-87) to Exit 24 (from the south & west). After the tollbooths, get on I-90 East to Exit 2 Washington Avenue (from the east & north). Take a right onto Washington Avenue. At your next light, take a left onto Fuller Road. At your first light, take a right onto Tricentennial Drive. At the end of the road, take another right into CESTM, parking lot on the right.

Hotel Information

Near airport (Ten minutes from CESTM)

Desmond Americana	(518) 869-8100
Hampton Inn	(518) 438-2822

Near University at Albany Campus

Ramada Inn	(518) 489-2981
Marriot Courtyard	(518) 435-1600

Intermagnetics General Corporation Lecture Series

As a leading developer & manufacturer of superconducting materials, magnets and devices, Intermagnetics has worked closely with government, academic and industry partners to investigate, commercialize and market electromagnetic devices, applied superconductivity and refrigeration systems. Intermagnetics established a lecture series at the University at Albany's Center for Advanced Thin Film Technology focusing on the materials, processing and commercialization of environmentally friendly energy technologies and related applications for superconducting materials.

National Institute of Standards & Technology Advanced Technology Program

Not-yet-possible technologies are the domain of the NIST Advanced Technology Program. The ATP is a unique partnership between government and private industry to accelerate the development of high-risk technologies that promise significant commercial payoffs and widespread benefits for the economy. The ATP encourages a change in how industry approaches R&D, providing a mechanism for industry to extend its technological reach and push out the envelope of what can be attempted. The ATP is designed to stimulate joint research ventures that link small, medium, and large companies and other organizations to develop technologies that will open new markets , or make possible wholly new products or processes.

Key Note Speaker Biography goes here

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ADVANCED TECHNOLOGY PROGRAM

National Institute of Standards and Technology
Technology Administration
U.S. Department of Commerce

Northeast Regional Proposers' Workshop

Http://www.atp.nist.gov/epto

Thursday, January 13, 2000

Hosted by

NYS Center for Advanced Thin Film Technology Albany, NY

http://www.albany.edu/cat

Center for Economic Growth Northeast Manufacturing Technology Center